



03-08-06

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PATENT  
Customer No. 22,852  
Attorney Docket No. 9140.0030-00

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: )  
NARASIMHAN, Mukundan et al. ) Group Art Unit: 2826  
Application No.: 10/789,953 ) Examiner: MANDALA, Victor A.  
Filed: February 26, 2004 )  
For: DIELECTRIC BARRIER LAYER ) Confirmation No.: 5786  
FILMS )

**MAIL STOP AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. § 1.97(c)**

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(c), Applicants bring to the attention of the Examiner the documents on the attached listing. This Information Disclosure Statement is being filed after the events recited in Section 1.97(b) but, to the undersigned's knowledge, before the mailing date of either a Final action, Quayle action, or a Notice of Allowance. Under the provisions of 37 C.F.R. § 1.97(c), the Commissioner is hereby authorized to charge the fee of \$180.00 as specified by Section 1.17(p) to Deposit Account No. 06-0916.

Copies of the listed foreign and non-patent literature documents are attached. Copies of the U.S. patents and patent publications are not enclosed.

Applicants respectfully request that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claims in the application and Applicants determine that the cited documents do not constitute "prior art" under United States law, Applicants reserve the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

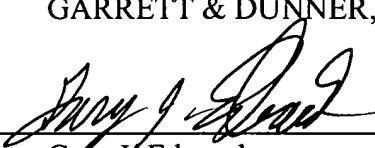
Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

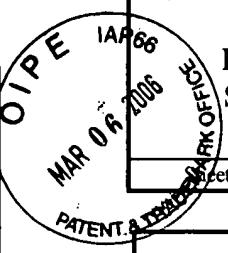
FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

Dated: March 7, 2006

By: 

Gary J. Edwards  
Reg. No. 41,008

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| IDS Form PTO/SB/08: Substitute for form 1449A/PTO  |   |    |   | <i>Complete if Known</i> |                      |
| <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b><br><i>(Use as many sheets as necessary)</i> |   |    |   | Application Number       | 10/789,953           |
| Sheet  | 1 | of | 1 | Filing Date              | February 26, 2004    |
|  |   |    |   | First Named Inventor     | NARASIMHAN, Mukundan |
|  |   |    |   | Art Unit                 | 2826                 |
|  |   |    |   | Examiner Name            | MANDALA, Victor A.   |
|  |   |    |   | Attorney Docket Number   | 9140.0030-00         |

#### U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS

| Examiner Initials <sup>1</sup> | Cite No. <sup>1</sup> | Document Number                                 | Issue or Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|--------------------------------|-----------------------|---|---|---|---|
|                                |                       | Number-Kind Code <sup>2</sup> <i>(if known)</i> |   |   |   |
|                                |                       | US 5,309,302                                    | 05-03-1994                              | Vollmann  |   |
|                                |                       | US 5,538,796                                    | 07-23-1996                              | Schaffer et al.                                 |   |
|                                |                       | US 6,281,142 B1                                 | 08-28-2001                              | Basceri et al.                                  |   |
|                                |                       | US 6,290,821 B1                                 | 09-18-2001                              | McLeod  |   |
|                                |                       | US 6,433,380 B2                                 | 08-13-2002                              | Shin  |   |
|                                |                       | US 2003/0173208 A1                              | 09-18-2003                              | Pan et al.                                      |   |
|                                |                       | US 2005/0006768 A1                              | 01-13-2005                              | Narasimhan et al.                               |   |

Note: Submission of copies of U.S. Patents and published U.S. Patent Applications is not required.

#### FOREIGN PATENT DOCUMENTS

| Examiner Initials <sup>1</sup> | Cite No. <sup>1</sup> | Foreign Patent Document  | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | Translation <sup>6</sup> |
|--------------------------------|-----------------------|--|--------------------------------|---|---|--------------------------|
|                                |                       | Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> <i>(if known)</i> |                                |   |   |                          |
|                                |                       |  |                                |   |   |                          |
|                                |                       |  |                                |   |   |                          |

#### NON PATENT LITERATURE DOCUMENTS

| Examiner Initials <sup>1</sup> | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | Translation <sup>6</sup> |
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|--------------------|--|-----------------|--|
| Examiner Signature |  | Date Considered |  |
|--------------------|--|-----------------|--|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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